

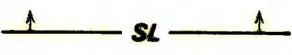


EXPLANATION

 **NON-FEDERAL COAL LAND**--Land for which the Federal Govern-ment does not own the coal rights, and for which the coal-development potential is not rated.

 **BOUNDARY OF RESERVE BASE COAL**--Drawn along the contact between burned and unburned coal and the fault boundary of coal. Arrows point toward area of Reserve Base coal.

 **STRIPPING LIMIT LINE**--Boundary for surface mining of the coal bed (in this quadrangle, the 200-foot-overburden isopach). Arrows point toward the area suitable for surface mining. Recovery factor of 85 percent within that area in this quadrangle.

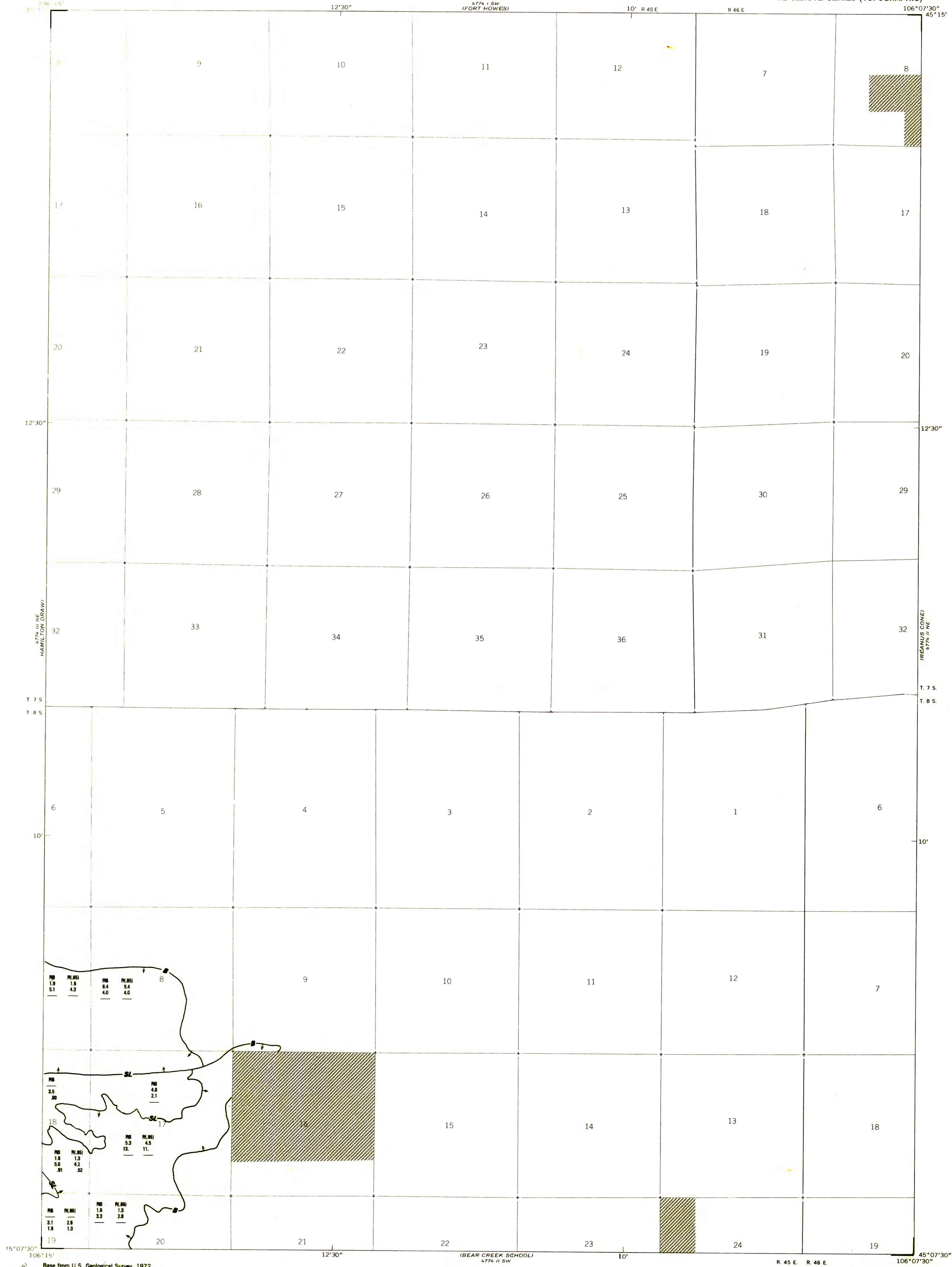
RB	PL(RB)	(Measured resources)
1.9	1.8	1.8
5.1	4.5	4.5
---	---	(Inferred resources)

IDENTIFIED STRIPPABLE COAL RESOURCES--Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land within the stripping-limit line. Dash indicates no resources in that category. Reserve Base (RB) x the Recovery Factor (85 percent) = Reserves (R). Rounded to two significant figures.

RB	(Measured resources)
3.5	3.5
3.5	4.5
---	(Inferred resources)

IDENTIFIED NON-STRIPPABLE COAL RESOURCES--Showing totals for Reserve Base (RB), in millions of short tons, for each section or part(s) of section of Federal coal land outside the stripping-limit line. Dash indicates no resources in that category. Rounded to two significant figures.

To convert short tons to metric tons, multiply by 0.907.



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE
OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY
E. J. McKAY AND L. N. ROBINSON
1979